POST GRADUATE COMMON ENTRANCE TEST 2016

DATE	COURSE	TIME
02-07-2016	MBA	02.30 pm to 04.30 pm

MAXIMUM MARKS	TOTAL DURATION	MAXIMUM TIME FOR ANSWERING
100	150 Minutes	120 Minutes

MENTION YOUR PGCET NO.				QUESTION BOOKLET DETAILS	
				VERSION CODE	SERIAL NUMBER
				A - 1	222181

DOs :
1. Check whether the PGCET No. has been entered and shaded in the respective circles on the OMR answer sheet.
2. This Question Booklet is issued to you by the invigilator after the 2nd **Bell i.e., after 2.25 p.m.**
3. The Serial Number of this question booklet should be entered on the OMR answer sheet and the respective circles should also be shaded completely.
5. The Version Code of this question booklet should be entered on the OMR answer sheet and the respective circles should also be shaded completely.
6. Compulsorily sign at the bottom portion of the OMR answer sheet in the space provided.

DON'Ts :
1. **THE TIMING AND MARKS PRINTED ON THE OMR ANSWER SHEET SHOULD NOT BE DAMAGED / MUTILATED / SPOILED.**
2. The 3rd **Bell rings at 2.30 p.m., till then;**
   - Do not remove the paper seal / polythene bag of this question booklet.
   - Do not look inside this question booklet.
   - Do not start answering on the OMR answer sheet.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. This question booklet contains 100 (items) questions and each question will have one statement and four answers. (Four different options / responses.)
2. After the 3rd **Bell is rung at 2.30 p.m.,** remove the paper seal / polythene bag of this question booklet and check that this booklet does not have any unprinted or torn or missing pages or items etc., if so, get it replaced by a complete test booklet. Read each item and start answering on the OMR answer sheet.
3. During the subsequent 120 minutes:
   - Read each question (item) carefully.
   - Choose one correct answer from out of the four available responses (options / choices) given under each question / item. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **only one response** for each item.
   - **Completely darken / shade the relevant circle with a BLUE OR BLACK INK BALL POINT PEN against the question number on the OMR answer sheet.**

Correct Method of shading the circle on the OMR answer sheet is as shown below :

Ⓐ ● Ⓒ Ⓓ

4. Use the space provided on each page of the question booklet for Rough Work. Do not use the OMR answer sheet for the same.
5. After the **last Bell is rung at 4.30 pm,** stop marking on the OMR answer sheet and affix your **left hand thumb impression** on the OMR answer sheet as per the instructions.
6. Hand over the **OMR ANSWER SHEET** to the room invigilator as it is.
7. After separating the top sheet (KEA copy), the invigilator will return the bottom sheet replica (Candidate's copy) to you to carry home for self-evaluation.
8. Preserve the replica of the OMR answer sheet for a minimum period of **ONE year.**

Marks Distribution	
PART-1 : (SECTION-A) 25 QUESTIONS : 25 X 1 = 25; (SECTION-B) 25 QUESTION : 25 X 1 = 25	
PART-2 : (SECTION-C) 25 QUESTIONS : 25 X 1 = 25; (SECTION-D) 25 QUESTION : 25 X 1 = 25	

MBA-A1

MBA
PART – 1
SECTION – A
TEST OF PROFICIENCY IN ENGLISH LANGUAGE
Each question carries one mark

Direction (Q Nos. 1 to 3) : Each question is followed by four alternatives. Select the most appropriate alternative which is the closest in meaning to the given word.

1. PERFUNCTORY

    (A) Thorough

    (B) Impossible

    (C) Lively

    (D) Listless

2. PENURY

    (A) Custom

    (B) Poverty

    (C) Criminology

    (D) Affluence

3. VINDICTIVE

    (A) Revengeful

    (B) Strategic

    (C) Demonstrative

    (D) Bigoted

Direction (Q Nos. 4 to 6) : Select from the alternatives the word which is opposite in meaning of the word given in capital letters:

4. NEPOTISM

    (A) Midnight

    (B) Partiality

    (C) Impartiality

    (D) Dawn

5. AUTONOMOUS

    (A) Magnanimous

    (B) Ambiguous

    (C) Exodus

    (D) Dependent

6. RESPITE

    (A) Recess

    (B) Intermission

    (C) Exertion

    (D) Anger

Space For Rough Work

Direction (Q Nos. 7 to 9) : Out of four given alternatives, choose the one which can be substituted for the given words or phrase.

7. One who is present everywhere
   (A) Omniscient
   (B) Omnipresent
   (C) Omnivorous
   (D) Germicide

8. Four brothers born at once and at the same time
   (A) Fourier
   (B) Forward
   (C) Quintuplets
   (D) Quadruplets

9. Blessed with super intelligence since birth
   (A) Prodigy
   (B) Celestial
   (C) Anemic
   (D) Profile

Direction (Q Nos. 10 to 12) : Choose the alternative which best expresses the meaning of the idiom or phrase underlined.

10. To fight tooth and nail
    (A) To make every effort to win
    (B) To fight cowardly
    (C) To fight heroically
    (D) To fight a losing battle

11. Between the devil and the deep sea
    (A) In a dilemma
    (B) A man who is drowning
    (C) To be evil tempered
    (D) A deep sea water

12. To keep at arm's length
    (A) To keep very near
    (B) A safe place
    (C) To keep some happy
    (D) To avoid coming in contact

Direction (Q Nos. 13 to 17) : In each of these questions a related pair of words is followed by four pairs of words. Select the pair that best expresses a relationship similar to that expressed as is the original pair given in the Capital letter.

13. DOUGH : BREAD
    (A) Sugar : Cake
    (B) Paper : Writing
    (C) Ink : Pen
    (D) Words : Speech

14. ATHLETE : TROPHY
    (A) Detective : Badge
    (B) Musician : Instrument
    (C) Soldier : Medal
    (D) Presenter : Award

Space For Rough Work

4

15. SCRIBBLE : WRITE
  (A) Mumble : Talk
  (B) Draw : Print
  (C) Limp : Walk
  (D) Float : Swim

16. ANTENNA : SIGNAL
  (A) Bread : Grain
  (B) Telegram : Sender
  (C) Stem : Flower
  (D) Net : Fish

17. DRIZZLE : TORRENTIAL
  (A) Puddle : Pond
  (B) Breeze : Cyclone
  (C) Floods : Deluge
  (D) Sand : Desert

Direction (Q. Nos. 18 to 25) : Choose the most appropriate alternative to complete/correct the underlined part of the following sentences :

18. I have nothing to say _____.
  (A) On the contrary
  (B) For the contrary
  (C) To the contrary
  (D) By the contrary

19. He is in the habit of find _____ everyone.
  (A) Fault in
  (B) Faults in
  (C) Faults with
  (D) Fault with

20. I am prepared to _____ him in this matter.
  (A) Go with   (B) Go up
  (C) Go for   (D) Go off

21. He _____ in the negative.
  (A) Replied him
  (B) Replied to him
  (C) Said him
  (D) Said to him

22. Ramu was on his hands and knees on the floor. He _____ for his contact lens.
  (A) Looking
  (B) Were looking
  (C) Has been looking
  (D) Was looking

23. I was sad when I sold my car. I _____ it for a very long time.
  (A) Have had   (B) Have have
  (C) Had had   (D) None of these

24. Tomorrow afternoon, we are going to play tennis from 3'O'clock until 4.30. So at 4 'O'clock _____ tennis.
  (A) We will playing
  (B) We playing
  (C) We will be playing
  (D) None of these

25. She has applied for the job but she is not very well qualified for it. I _____ surprised if she gets it.
  (A) Will be
  (B) Will
  (C) Shall be
  (D) None of these

Space For Rough Work

SECTION – B
GENERAL KNOWLEDGE

26. EXIM policy is prepared by
    (A) Ministry of Finance
    (B) Ministry of Commerce
    (C) RBI
    (D) SEBI

27. Services contribution to India's GDP
    (A) Around 25 %
    (B) Around 40%
    (C) Around 60%
    (D) Around 90%

28. Interest below which a Bank is not expected to lend to customers is known as
    (A) Bank rate
    (B) Prime lending rate
    (C) Base rate
    (D) Discount rate

29. "Rand" is the currency of the following country :
    (A) South Africa
    (B) Japan
    (C) Indonesia
    (D) Poland

30. NATO is abbreviation of
    (A) North American Trade Organisation
    (B) North Asian Trade Organisation
    (C) North Atlantic Treaty Organisation
    (D) North Atlantic Trade Organisation

31. Chappeli is the folk and tribal dance of the following State :
    (A) Madhya Pradesh
    (B) Uttar Pradesh
    (C) Andhra Pradesh
    (D) Karnataka

32. "Kalinga Prize" presented by UNESCO in recognition of their outstanding contribution in
    (A) Community leadership
    (B) Journalism
    (C) Popularisation of science and technology
    (D) Sports

33. The transfer of responsibility and authority to juniors by seniors is known as
    (A) Devolution
    (B) Delegation
    (C) Decentralization
    (D) Promotion

Space For Rough Work

34. Which one of the following is a characteristic of monopoly competition ?

(A) Few number of buyers

(B) Single seller

(C) Advertising

(D) None

35. Who is known as "Father of Modern Management" ?

(A) Henry Fayol

(B) F.W. Taylor

(C) Peter Drucker

(D) Narayana Murthy

36. Authorized Signatory in " one rupee note"

(A) RBI Governor

(B) Secretary, Ministry of Finance

(C) Secretary, Ministry of Commerce

(D) President of India

37. Chairman of Planning Commission

(A) President of India

(B) Prime Minister of India

(C) Finance Minister

(D) RBI Governor

38. At what point the Centigrade and Fahrenheit temperature are same ?

(A) 10 degrees

(B) Zero degrees

(C) – 10 degrees

(D) – 40 degrees

39. Who is the author of book " Emotional Intelligence" ?

(A) Gary Hamel

(B) Charles Handy

(C) James Lavelle

(D) Daniel Goleman

40. Which of the following is not "True" of communication ?

(A) Communication can sometimes be a one way process.

(B) It involves exchange of ideas, facts and opinions.

(C) It occurs at all level of management.

(D) It is vital to the effectiveness of the organization.

41. KNOT is measure to know the speed of a/an

(A) light

(B) ship

(C) aeroplane

(D) superfast train

Space For Rough Work

42. Agha Khan cup is associated with
   (A) Cricket
   (B) Football
   (C) Hockey
   (D) Kho-kho

43. "Bunker", "Chukker", "Mallet" terms are associated with the following :
   (A) Karate
   (B) Judo
   (C) Rugby
   (D) Polo

44. Who was known as Lady with the Lamp ?
   (A) Sarojini Naidu
   (B) Joan of Arc
   (C) Mother Teresa
   (D) Florence Nightingale

45. The Arjuna Awards were instituted in the year
   (A) 1965
   (B) 1963
   (C) 1961
   (D) 1960

46. Who created the unforgettable literacy "SWAMI" ?
   (A) Vikram Seth
   (B) R.K. Narayan
   (C) Mulk Raj Anand
   (D) Harivansh Rai Bachchan

47. The acronym USB stands for
   (A) Universal System Board
   (B) Universal Synchronized Bus
   (C) Universal Serial Bus
   (D) Universal System Bus

48. The place that is known as the Roof of the World
   (A) Cuba
   (B) Tibet
   (C) Japan
   (D) Romania

49. Who is current CEO of Infosys ?
   (A) Narayan Murthy
   (B) Nadan Nilekani
   (C) Shibulal
   (D) Gopal krinshan

50. Who is associate with the development of India's atomic bomb ?
   (A) A.P.J. Abdul Kalam
   (B) Homi Bhabha
   (C) Raja Ramanna
   (D) Kastoori Rangan

Space For Rough Work

Direction (Q. No. 51 – 55) : Has to be answered depending on the data given below.

In a class of 120 students, 60 play tennis, 50 play polo and 20 play both.

51. How many play only Polo ?
    (A) 50   (B) 30
    (C) 20   (D) 60

52. How many play only Tennis ?
    (A) 60   (B) 20
    (C) 40   (D) 50

53. How many play exactly one game ?
    (A) 80   (B) 130
    (C) 70   (D) 120

54. How many neither play tennis nor play polo ?
    (A) 20   (B) 30
    (C) 40   (D) 10

55. How many play atleast one game ?
    (A) 120   (B) 100
    (C) 110   (D) 90

In each of the following 3 questions (56 – 58), 2 statements are followed by 2 conclusions. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions together and then decide which of the given conclusions logically follow from the two given statements, disregarding commonly known facts.
Mark
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If both I and II follows.
(d) If neither of them follows.

56. I.   All men are women.
    II.   Some women are children.
    Conclusions
    I.   Some men are children.
    II.   All men are children.
    (A) d   (B) b
    (C) c   (D) a

57. I.   Some men are women.
    II.   No women is child.
    Conclusions :
    I.   Some men are children.
    II.   No man is child.
    (A) b   (B) c
    (C) d   (D) a

58. I.   Some pens are pencils.
    II.   Some pencils are eraser.
    Conclusions :
    I.   Some erasers are not pencils.
    II.   Some pencils are pens.
    (A) c   (B) d
    (C) b   (D) a

Space For Rough Work

Direction (Q No. 59 to 61) : Find the missing series.

59. 1, 2, 6, 24, 120, _____
    (A) 240   (B) 320
    (C) 720   (D) 930

60. 2, 5, 9, 19, 37, _____
    (A) 76   (B) 75
    (C) 74   (D) 72

61. 31, 35, 43, 59, 91, _____
    (A) 135   (B) 145
    (C) 155   (D) 165

Direction (Q. No 62-66) : Read the following data and then select the suitable answer :

A matrix with two rows and eleven columns is to be filled with numbers 1 to 22. The filling of the matrix is governed by few rules

- No two even multiples of 3 should be in consecutive columns and in the same row, and same follows for the odd multiples of 3.
- 1 and 3 should in the end columns.
- Between 14 and 22 there is a gap of 6 columns.
- There should be exactly one column between 3 and 12.
- 21 is in the 1 row and 9th column.
- All multiples of 4 (except 12) should be in consecutive column similarly for 5 and 10.
- All multiples of 4 (except 12) should be in the same row.
- Sum of the number of 1st column is the second highest prime numbers and 3rd column is the highest prime number less than 31.

62. What is the sum of the numbers in the second row ?
    (A) 131
    (B) 139
    (C) 141
    (D) 150

63. Which are the numbers in the 7th column ?
    (A) 15 & 14
    (B) 5 & 2
    (C) 5 & 14
    (D) 10 & 19

64. Which is the sum of the numbers of the 10th column ?
    (A) 15
    (B) 27
    (C) 15 or 27
    (D) 27 or 21

65. If 11 is the second column and 17 and 2 are next to each other then 7 can be in which column ?
    (A) 4
    (B) 6
    (C) 3
    (D) 1

66. Any of the following numbers can be in the 4th column, except
    (A) 11
    (B) 7
    (C) 17
    (D) 13

Space For Rough Work

Direction (Q Nos. 67 to 70) : Find the missing letters.

67. A, D, H, M, S, ____
   - (A) U
   - (B) V
   - (C) Y
   - (D) Z

68. R, M, ____, F, D, C
   - (A) I
   - (B) J
   - (C) K
   - (D) L

69. A, B, D, G, ____
   - (A) L
   - (B) M
   - (C) J
   - (D) K

70. AYD, BVF, DRH, ____, KGL
   - (A) FMI
   - (B) GMJ
   - (C) HLK
   - (D) GLJ

71. Choose the appropriate number for the fourth place.

   13 : 91 : : 131 : ?
   - (A) 931
   - (B) 943
   - (C) 917
   - (D) 935

Direction (Q Nos. 72 & 73) : The first two words are related in a particular manner. Select the word from given choices which is related to third one in the same manner.

72. Bank : Money : :Transport : ?
   - (A) Goods
   - (B) Road
   - (C) Traffic
   - (D) Speed

73. Tungsten is to Filament as Bronze is to
   - (A) Copper
   - (B) Ornaments
   - (C) Ships
   - (D) Tin

74. A plane is piloted from a point towards South. The direction is changed first towards right and then towards left. In which direction is the plane from the starting point ?
   - (A) South-West
   - (B) North-East
   - (C) West
   - (D) North

75. Read the short passage and answer the question which follows :
   Literature is the mirror in which the Society can see itself.
   The above statement implies that
   - (A) No ugly society can produce good literature.
   - (B) Writers are essentially like newspaper correspondents reporting faithfully what they are observing.
   - (C) Literature enables the people to comprehend the dimensions which they are unaware of.
   - (D) All

Space For Rough Work

SECTION – D
TEST OF QUANTITATIVE ANALYSIS

Directions (Q No. 76 – 83) : Answer the questions independently of each other.

76. If 5 men working 9 hours a day can reap a field in 16 days, in how many days will 18 men reap the field, working 8 hours a day ?

    (A) 5

    (B) 10

    (C) 15

    (D) 20

77. If 3/5 of a cistern is filled in 1 minute, how much more time will be required to fill the rest of it ?

    (A) 30 seconds

    (B) 40 seconds

    (C) 15 seconds

    (D) 20 seconds

78. A father can do a job as fast as his two sons working together. If one son does the job in 3 hours and the other in 6 hours, how many hours does it take the father to do the job ?

    (A) 1

    (B) 2

    (C) 3

    (D) 4

79. A and B working separately can do a piece of work in 9 and 12 days respectively. If they work a day alternatively. A beginning, in how many days the work will be completed ?

    (A) 10 and 1/2 days

    (B) 10 and 1/5 days

    (C) 10 and 1/4 days

    (D) 10 and 2/3 days

80. Two pipes can fill a tank in 10 hours and 12 hours respectively, while a third pipe empties the full tank in 20 hours. If all the 3 pipes operate simultaneously, in how much time the tank will be filled ?

    (A) 7 hours

    (B) 8 hours

    (C) 8 hours 30 minutes

    (D) 7 hours and 30 minutes

81. A mixture contains milk and water in the ratio of 5 : 1. On adding 5 liters of water the ratio of the milk to water becomes 5 : 2. The quantity of the milk in the original mixture is

    (A) 25 liters

    (B) 16 liters

    (C) 22.75 liters

    (D) 32.5 liters

Space For Rough Work

82. The ratio between the numbers is 3 : 4 and the sum of their squares is 625. The numbers are

(A) 6,8   (B) 15,20

(C) 18,24   (D) 20,25

83. The ratio of speed of 3 cars is 2 : 3 : 4. The ratio of time taken by these cars to travel the same distance is

(A) 2:3:4   (B) 6:4:3

(C) 3:6:4   (D) 4:3:6

Directions (Q Nos. 84 - 88) : Study the following table carefully to answer these questions.

Year	Mainte nance	Tele- phone	Elect- ricity	Medi- cal	Trans port	Annual salary	Total
1995	175	115	84	98	140	1500	2112
1996	172	132	76	110	182	1850	2520
1997	181	106	68	96	220	2100	2711
1998	189	98	88	120	240	2250	2958
1999	195	122	94	122	230	2500	3263
2000	178	118	96	128	215	2800	3535
	1090	691	506	674	1225	13000	17186

84. What percentage of total expenditure was spent on transport in the year 2000 (rounded off to the nearest integer) ?

(A) 6

(B) 7

(C) 8

(D) 12

85. Expenditure on medical for the years together is approximately what percentage of the total expenditure for all the years ?

(A) 2

(B) 7

(C) 6

(D) 4

86. If there are 100 employees in the year 1997, then what was the average salary per employee per month ?

(A) ₹ 2100

(B) ₹ 1750

(C) ₹ 1850

(D) ₹ 1800

87. Expenditure on maintenance in 1996 is what percentage of the total expenditure on maintenance for the given years ? (rounded off to two digits of decimals)

(A) 15.87   (B) 14.77

(C) 15.78   (D) 14.88

88. In which of the following years the percentage rise/fall in the expenditure on telephone from the previous year is the maximum ?

(A) 1996

(B) 1997

(C) 1998

(D) 1999

Space For Rough Work

89. A vendor buys milk at a certain price adds water and sell the adulterated milk at the same rate as he bought it for. He makes the 30% profit, what is the percentage of water he adds to the milk ?

(A) 30%

(B) 15%

(C) 20%

(D) 60%

90. If the selling price of an article for is 4/3 times its cost price, the profit percent is

(A) 33 and 1/3%

(B) 25 and 1/4 %

(C) 20 and 1/2 %

(D) 20 and 3/4%

91. If by selling 110 mangoes, the cost price of 120 mangoes is realized, the gain percent is

(A) 11 and 1/9%

(B) 9%

(C) 11%

(D) 9 and 1/11 %

92. A can do a certain work in 12 days. B is 60% more efficient than A. The number of days, it takes B to do the same piece of job work is

(A) 6 days

(B) 6 ¼ days

(C) 7½ days

(D) 8 days

93. If A lends ₹ 3500 to B at 10% p.a. and B lends the same sum to C at 11.5% p.a., then the gain of B (in rupees) in a period of 3 years is

(A) 107.50

(B) 115.50

(C) 157.50

(D) 177.50

94. The difference between the compound interest and the simple interest on a sum of money for 2 years at 12.5% p.a. is ₹ 150.The sum is

(A) ₹ 9000

(B) ₹ 9200

(C) ₹ 9500

(D) ₹ 9600

Space For Rough Work

95. A man borrowed ₹ 800 at 10% p.a. simple interest and immediately lend the whole sum at 10% p.a. compound interest. What does he gain at the end of 2 years ?

(A) ₹ 6

(B) ₹ 8

(C) ₹ 10

(D) ₹ 12

96. If a man running at 15 kmph crosses a bridge in 5 minutes, then the length of the bridge is

(A) 1333.33 mts

(B) 1000 mts

(C) 7500 mts

(D) 1250 mts

97. River is running at 2 kmph. It takes a man twice as long to row-up as to row down the river. The rate of the man in still water is

(A) 6 kmph

(B) 4 kmph

(C) 10 kmph

(D) 8 kmph

98. The average weight of group of boys and girls is 38 kgs. The average weight of boys is 42 kg and that of girls is 33 kg. The number of boys is 25, then the number of girls is

(A) 20

(B) 33

(C) 38

(D) 22

99. There are four numbers. Average of the first three is 15 and of last three is 16. If the last number is 19, find the first number.

(A) 16

(B) 20

(C) 19

(D) None of the these

100. If x, $2x + 2$, $3x + 3$ are in G.P., then the fourth term is

(A) 27

(B) – 27

(C) 13.5

(D) – 13.5

Space For Rough Work